

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5063597".pn.	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2004/08/26 08:20
S2	2974080	@ad<"19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:37
S3	852	S2 and (adc converter) with disable	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:41
S4	475	S3 and analog with digital	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:38
S5	17	S4 and mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:38
S6	407	S3 and analog with digital with converter	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:41
S7	50	S6 and authoriz\$6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:41
S8	896	S2 and (dac converter) with disable	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:57
S9	457	S8 and analog with digital with converter	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:41
S10	50	S9 and authoriz\$6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:58
S11	50	S2 and (dac converter) near3 mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:58
S12	0	S11 and authoriz\$6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/08/26 08:58
S13	10	((@ad<"19991216" and digital adj signal adj processor) and authorization adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:17
S14	1	((@ad<"19991216" and digital adj signal adj processor) and authorization same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:16

S15	0	((@ad<"19991216" and digital adj signal adj processor) and authorize\$5 same mute and "713"/\$.cols.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:17
S16	11	((@ad<"19991216" and digital adj signal adj processor) and mute and "713"/\$.cols.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:20
S17	134	(712/35.cols. and @ad<"19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:20
S18	2	((712/35.cols. and @ad<"19991216") and authorize\$6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:20
S19	4	((712/35.cols. and @ad<"19991216") and mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:22
S20	71	(710/69.cols. and @ad<"19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:27
S21	1	((710/69.cols. and @ad<"19991216") and authorize\$5	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/25 13:27
S22	18887	@ad<"19991216" and digital adj signal adj processor	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 10:11
S23	5283	((@ad<"19991216" and digital adj signal adj processor) and (processor dsp) same (authorize\$6 allow \$2 approv\$3)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 10:12
S24	12	((@ad<"19991216" and digital adj signal adj processor) and (processor dsp) same (authorize\$6 allow \$2 approv\$3) same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 10:14
S25	1171	((@ad<"19991216" and digital adj signal adj processor) and (processor dsp) same (disable\$2)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 10:15
S26	4	((@ad<"19991216" and digital adj signal adj processor) and (processor dsp) same (disable\$2) same (authorize\$5)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 10:15
S27	2969262	@ad<"19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:02
S28	312	@ad<"19991216" and processor same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:03

S29	175	@ad< "19991216" and converter same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:03
S30	41	@ad< "19991216" and analog same digital same converter same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:05
S31	2	((@ad< "19991216" and analog same digital same converter same disable adj signal) and digital adj signal adj processor	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:04
S32	1	@ad< "19991216" and analog same digital same converter same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:05
S33	1	@ad< "19991216" and analog same digital same converter same disable adj signal same mute\$1	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:07
S34	2	@ad< "19991216" and analog same digital same converter same disable adj signal and mute\$1	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/26 12:07
S35	2969262	@ad< "19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:10
S36	0	((@ad< "20001109" and message with (signed signature) and database with signature) and (e-mail email)) and dsp same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:11
S37	0	((@ad< "20001109" and message with (signed signature) and database with signature) and (e-mail email)) and processor same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:11
S38	312	@ad< "19991216" and processor same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:11
S39	18	@ad< "19991216" and dsp same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:14
S40	175	@ad< "19991216" and converter same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:14
S41	42	@ad< "19991216" and analog with converter same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:17

S42	0	@ad< "19991216" and analog with converter same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:17
S43	175	@ad< "19991216" and converter same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:25
S44	1	@ad< "19991216" and converter same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:18
S45	0	@ad< "19991216" and (adc) same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:21
S46	5	@ad< "19991216" and (adc) same disable adj signal	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:22
S47	6	@ad< "19991216" and mute same disable adj signal and analog with converter	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:23
S48	0	@ad< "19991216" and dac same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:27
S49	1	@ad< "19991216" and converter same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:27
S50	0	@ad< "19991216" and d/a same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:27
S51	3	@ad< "19991216" and analog same disable adj signal same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:27
S52	13	@ad< "19991216" and converter same disable with mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:55
S53	1	"5297203".pn.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/28 11:50
S54	36	@ad< "19991216" and "digital-to-analog converter" same mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 09:56
S55	10	@ad< "19991216" and "digital-to-analog converter" same mute and digital adj signal adj processor	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 13:39
S56	43	@ad< "19991216" and override with mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 13:39
S57	0	(@ad< "19991216" and override with mute) and dsp	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 13:39

S58	30	((@ad< "19991216" and override with mute) and digital and analog	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 14:01
S59	0	((@ad< "19991216" and override with mute) and 713/200.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 14:01
S60	1165	@ad< "19991216" and 713/200.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 14:02
S61	81	@ad< "19991216" and 455/194.1.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2004/03/29 14:03
S65	2978839	@ad< "19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/19 17:26
S66	0	S65 and sleep with mute with dsp	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/19 17:26
S67	0	S65 and sleep with mute and dsp	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/19 17:26
S68	14	S65 and sleep with mute	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/19 17:26
S69	1	"6114981".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 11:19
S70	4	(US-5063597-\$ or US-5612682-\$ or US-6114981-\$ or US-5734729-\$).did.	USPAT	OR	ON	2005/06/21 11:20
S71	0	S70 and hash\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 11:20
S72	2978899	@ad< "19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:21
S73	2	S72 and dsp with hash\$3 near2 file	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:34
S74	2	S72 and dsp with hash\$3 with file	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:21
S75	11	S72 and digital adj signal adj processor and hash\$3 near2 file	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:32
S76	73	S72 and digital adj signal adj processor and hash\$3 with (data file media)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:33
S77	36	S76 and audio	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:33

S78	11	S72 and dsp with hash\$3	US-PGPUB; USPAT; IBM_TDB	OR	ON	2005/06/21 11:34
S79	1675	encrypted adj public adj key	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:01
S80	1675	S79 and ad< "20020101"	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:00
S81	917	S79 and @ad< "20020101"	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:00
S82	5477634	@ad< "20020101"	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:00
S83	91	S82 and (encrypted adj public adj key) with (identif \$6 serial id)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:01
S84	1675	"encrypted public key"	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:02
S85	1675	"encrypted public key"!	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:02
S86	1675	"encrypted public key"	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2005/09/27 15:03
S87	1	"20020077177"	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/10/03 14:06
S88	2986904	@ad< "19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/08/05 11:54
S89	0	S88 and dsp and hash\$3 with file with compar\$5	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/05 11:54
S90	48	S88 and dsp and hash\$3 with compar\$5	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/05 11:54

S91	14	S90 and audio	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/05 11:55
S92	35	S90 and (audio music)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/05 11:55
S93	7	S88 and music with player and hash\$3 with compar\$5	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/05 11:56
S94	13	S88 and (audio mp3 music) with player and hash\$3 with compar\$5	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/05 11:56
S95	2986923	@ad< "19991216"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/08/22 12:58
S96	377	S95 and portable with digital with audio	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 12:58
S97	1	S96 and hash\$3 same compar\$5	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 12:58
S98	23	S95 and portable same mp3 same audio	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 12:59
S99	0	S98 and hash\$3 same compar\$5	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 12:59
S100	6	S95 and hash\$3 same compar\$5 and mp3	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 12:59
S101	3	S95 and hash\$3 same compar\$5 same audio same file	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 13:01
S102	18	S95 and hash\$3 same audio same file	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2008/08/22 13:02

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